

***G-018A***  
***Bakken Water Opportunities***  
***Assessment***

Submitted by: Energy & Environmental Research  
Center

Principal Investigator: Daniel J. Stepan

Request for \$110,000

Total Project Costs \$230,000

Project Duration: 12 months

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This proposal seeks funding to support a two-phase project under the NGPWC program.

Phase 1: assess the technical and economic potential of recycling frac flowback water.

Phase 2: field demonstration of a mobile frac flowback water recycling technology.

OGRC is being asked to contribute \$25,000 for Phase 1 and \$85,000 for Phase 2 for a total of \$110,000 (48%).

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## ***Technical Review***

- There were two independent technical reviewers for this project; all recommend that this project be *funded*.
- The average weighted technical reviewers score: 205.5 of 250 possible maximum.

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## ***Recommendation***

### ***OGRC Technical Advisors***

- Recommendations were made from 3 OGRC Technical Advisors.
- All recommend that phase 1 of the *project be funded with phase 2 funding approved* upon success of phase 1, identification of an Industry Partner for the field demonstration.
- We feel that in order for the EERC to acquire Industry support, the project would be partially vetted by Industry, deemed useful to Industry and providing a cost reduction to current operations.